SOUNDINGS IN FEET

11522

UNITED STATES—EAST COAST

SOUTH CAROLINA

STONO AND NORTH EDISTO RIVERS

Mercator Projection
Scale 1:40,000

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), and for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions figured to the North American Datum of 1927 must be corrected an average of 4.43" northward and 6.65" eastward to agree with this chart.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla., or at the Office of the District Engineer, Corps of Engineers, in Jacksonville, Fla.
Refer to charted regulation section numbers.

INTRACOASTAL WATERWAY

The Intracoastal Waterway between the east and west limits of this chart is not completely shown. Use chart No. 11518.
The project depth from Charleston, to Beaufort, S.C., is 12 feet.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

CAUTION
CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Charleston, S.C.	KHB-29	162.55 MHz
Beaufort, S.C.	WXJ-23	162.475 MHz

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

TIDAL INFORMATION

Place	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Folly Island (outer coast)	5.7	5.4	0.2	3.5
Elliott Cut, Stono River	5.7	5.4	0.2	3.5
Church Flats, Pt. N.				
Bridge, Stono River	6.3	5.9	0.2	3.5
Wadmalaw Island, Wadmalaw River	7.2	6.8	0.2	3.5
Dawho River Entrance	6.7	6.3	0.2	3.5
Rockville, Bohicket Creek	6.3	5.9	0.2	3.5

(1287)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to navigation (light) (as white unless otherwise indicated):
AERO (aeromedical); al. (alternating); bl. (black); bn. (beacon); C. (con.); DIA. (diaphone); F. (fixed); FI. (flashing); G (green); Gp. (group); Iso. (isophase); Mo. (morse code); Mor. (morse); N. (nun); Oc. (occulting); Or. (orange); Q. (quick); R. (red); Ra. (radar reflector); RACON (radar beacon); VQ. (very quick); W. (white); Y. (yellow); sec. (seconds); SEC (sector); M (nautical mile); m (minutes); MICRO TR (microwave tower); Mst. (mast); obscd. (obscured); Obstr. (obstruction); PD (position doubtful); PA (position approximate); Rep. (reported); Rev. (reversing); Ruins (ruins of); Subm. (submerged); Subm. pipe; Subm. cable; Subm. piles; Subm. wires; Subm. jetty; Subm. rocks; Subm. dike; Subm. crib; Subm. fish haven; Subm. fish trap; Subm. fish stakes; Subm. fish weir; Subm. fish net; Subm. fish pound; Subm. fish corral; Subm. fish basket; Subm. fish trap; Subm. fish stakes; Subm. fish weir; Subm. fish net; Subm. fish pound; Subm. fish corral; Subm. fish basket.

Bottom characteristics:
Bk. (boulders); Co. (coral); Gy. (gray); Oys. (oysters); Sd. (sand); Sh. (shells); Sn. (sand); G (gravel); M (mud); R. (rock); S. (sand); Sy. (stony); Cy. (clay); Gn. (green); M. (mud); S. (sand); Sy. (stony).

Miscellaneous:
AUTH. (authorized); Obstn. (obstruction); PD. (position doubtful); Subm. (submerged); Ed. (existence doubtful); PA. (position approximate); Rep. (reported); Rock, (rock, obstruction, or shoal sweep) (with depth indicated); (2) Rocks (with over) and uncover with heights in feet above datum of soundings; COLREGS (International Regulations for Preventing Collisions at Sea, 1972); Demarcation lines are shown thus

HEIGHTS

Heights in feet above Mean High Water

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

JOINS CHART 11518

JOINS CHART 11517

J O H N S I S L A N D

W A D M A L A W I S L A N D

E D I S T O I S L A N D

S E A B R O O K I S L A N D

K I A W A H I S L A N D

A T L A N T I

Little Britton Island

Park Island

Slann Island

Edisto Island

Freedman

Mullet Hall

Fenwick Hall

Legareville

Deveaux Bank

Middle Ground

Lesser Prince Shoal

Lesser Prince Shoal Light 2

Lesser Prince Shoal Light 1

Frampton Inlet

Captain Sams Inlet

Bohicket Creek

Church Creek

Chaplin Creek

Kiawah River

North Edisto River

Dawho River

Stono River

Intracoastal Waterway

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

CAUTION
This chart has been collected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the area shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

This is the first edition of the nautical chart produced by the National Ocean Service's computer-assisted cartographic compilation system.

13th Ed., Oct 22/88 ■

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SOL

best copy available

Formerly C&GS 792, 1st Ed., Apr. 1938 C-1938-481 KAPR -20

JOINS CHART 11518

CONTINUED ON CHART 11524

CONTINUED ON CHART 11523

JOHNS ISLAND

INTRACOASTAL WATERWAY

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LOGARITHMIC SPEED SCALE

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Beaufort, S.C. WXJ-23 162.475 MHz

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SUPPLEMENTAL INFORMATION

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WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLLW)			
	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Folly Island Inlet (ocean)	5.7	5.4	0.2	-3.5
Elliott Cut, Stono River	5.7	5.4	0.2	-3.5
Church Flats, R.R. Bridge, Stono River	6.3	5.9	0.2	-3.5
Yonges Island, Wadmalaw River	7.2	6.8	0.2	-3.5
Doaks, River Entrance	6.7	6.3	0.2	-3.5
Rockville, Bohicket Creek	6.3	5.9	0.2	-3.5

(1287)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)

Aids to Navigation (lights are white unless otherwise indicated)

AERO (aeronautical)
Al. (alternating)
B (black)
Bn (beacon)
C (can)
DIA. (diaphone)
F. (fixed; equal interval flash)
F. (fixed)
Fl. (flashing)
G (green)
Gp. (group)
IQ (interrupted quick)
Iso (isophase; 2 sec)
LT HO (lighthouse)
M (nautical mile)
m (minutes)
MICRO TR (microwave tower)
Mor. (morse)
My (mixture code)
N (can)
OBSC (obscured)
Oc (occulting)
Or (orange)
Q (quick)
R (red)
Ra Ref (radio reflector)
R Bn (radiobeacon)
R TR (radio tower)
Rot (rotating)
s (seconds)
SEC (sector)
St M (statute miles)
VQ (very quick)
W (white)
WHIS (whistle)
Y (yellow)

Bottom characteristics
Bldr (boulders)
Co (coral)
Gy (gray)
Oys (oysters)
Sn (sand)
bk (broken)
G (gravel)
h (hard)
Mk (rock)
Sh (shells)
Cy (clay)
Grs (grass)
M (mud)
S (sand)
sy (stony)

Miscellaneous
AUTH (authorized)
Obstn (obstruction)
PD (platform (buoy))
Subm (submerged)
ED (existence doubtful)
PA (position approximate)
Rep (reported)
Wreck (rock, obstruction, or shoal (keep) (area in the depth indicated)
(2) Rocks that cover and uncover, with heights in feet above datum of soundings
COLREGS (International Regulations for Preventing Collisions at Sea, 1972)
Demarcation lines are shown thus on the charts

HEIGHTS

Heights in feet above Mean High Water

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

STONO INLET

The inlet is subject to continual change. Entrance buoys are not charted because they are frequently shifted in position.

Changeable Area (see note)
Hydrography from surveys of 1966-1987

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Stono and North Edisto Rivers
SOUNDINGS IN FEET - SCALE 1:40,000

11522

MAS STOCK AND LAWRENCE